

Title (en)  
PHYSICAL PATH DETERMINATION FOR VIRTUAL NETWORK PACKET FLOWS

Title (de)  
PHYSIKALISCHE PFADBESTIMMUNG FÜR PAKETSTRÖME IN EINEM VIRTUELLEN NETZWERK

Title (fr)  
DÉTERMINATION D'UN CHEMIN PHYSIQUE POUR LES FLUX DE PAQUETS DE RÉSEAU VIRTUEL

Publication  
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Application  
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- US 201261721994 P 20121102
- US 201261722696 P 20121105
- US 201261723684 P 20121107
- US 201261723685 P 20121107
- US 201261729474 P 20121123
- US 201313840902 A 20130315
- US 201313843365 A 20130315
- US 201313835017 A 20130315
- US 201313843241 A 20130315
- US 201313843500 A 20130315
- US 201313840657 A 20130315
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Abstract (en)  
[origin: US2013332399A1] In general, techniques are described for automatically identifying likely faulty components in massively distributed complex systems. In some examples, snapshots of component parameters are automatically repeatedly fed to a pre-trained classifier and the classifier indicates whether each received snapshot is likely to belong to a fault and failure class or to a non-fault/failure class. Components whose snapshots indicate a high likelihood of fault or failure are investigated, restarted or taken off line as a pre-emptive measure. The techniques may be applied in a massively distributed complex system such as a data center.

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